Equivalent of Form PTO/SB/08A (07-06) Approved for use through 09/30/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute	for form	1449A/P	то	Complete	e if Known
INFO				Application Number	10/567,788 (Natl. Phase of PCT/EP2004/008638)
			DISCLOSURE	Intl. Filing Date	August 2, 2004 (2) ER
			APPLICANT	First Named Inventor	FISCHER, Reiner
	(Use as	many she	ets as necessary)	Art Unit	1616
				Examiner Name	To Be Assigned
Sheet	1	of	3	Attorney Docket Number	2400.0210000/JMC/CM

			U.S. PATENT DO	CUMENTS	
Examiner Initials	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines,
/Y.G./	INO.	Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear
, 1.03	USI	3,542,809	11/24/1970	Nakanishi, Susumu	
	US2	3,989,503	11/02/1976	Pallos et al.	
	US3	4,021,224	05/03/1977	Pallos et al.	
-	US4	4,623,727	11/18/1986	Hubele	
	US5	4,639,266	01/27/1987	Heubach et al.	
	US6	4,881,966	11/21/1989	Nyffeler et al.	
X	US7	4,891,057	01/02/1990	Sohn et al.	
7 YY C./	US8	4,902,340	02/20/1990	Hubele	

		Fo	REIGN PATENT DO			
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T.
7Y.C./	FP1	DE 1 945 703	07/02/1970	Chas. Pfizer & Co. Inc.		
8000	FP2	DE 2 218 097	11/02/1972	Stauffer Chemical Co.		
00000	FP3	DE 2 350 547	04/25/1974	Stauffer Chemical Co.		
	FP4	EP 0 086 750 A2	08/24/1983	Ciba-Geigy AG		
00000	FP5	EP 0 094 349 A2	11/16/1983	Ciba-Geigy AG		
000000	FP6	EP 0 174 562 A2	03/19/1986	Hoechst Aktiengesellschaft		
***************************************	FP7	EP 0 191 736 A2	08/20/1986	Ciba-Geigy AG		
	FP8	EP 0 269 806 A1	06/08/1988	Hoechst Aktiengesellschaft		
***************************************	FP9	EP 0 333 131 A1	09/20/1989	Hoechst Aktiengesellschaft		
	FP10	EP 0 346 620 A1	12/20/1989	Hoechst Aktiengesellschaft		Abs
000000	FP11	WO 91/07874 A1	06/13/1991	Hoechst Aktiengesellschaft		Abs
900000	FP12	WO 91/08202 A1	06/13/1991	Hoechst Aktiengesellschaft		Abs
	FP13	EP 0 492 366 A2	07/01/1992	Hoechst Aktiengesellschaft		
	FP14	WO 92/16510 A1	10/01/1992	Ciba-Geigy AG		
	FP15	EP 0 508 126 A1	10/14/1992	Bayer AG		
	FP16	EP 0 528 156 A1	02/24/1993	Bayer AG		
	FP17	EP 0 582 198 A2	02/09/1994	Hoechst Aktiengesellschaft		
	FP18	EP 0 613 618 A1	09/07/1994	American Cyanamid Co.		
W	FP19	WO 94/29268 A1	12/22/1994	Bayer Aktiengesellschaft		Abs
/Y.c./	FP20	WO 95/07897 A1	03/23/1995	Hoechst Schering AgrEvo GmbH		Abs

Examiner	/Yong Chu/	Date	01/24/2009
Signature	Trong Ond	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Equivalent of Form PTO/SB/08A (07-06)
Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute	for form	1449A/P	то	Complete	e if Known
INITOT				Application Number	10/567,788 (Natl. Phase of PCT/EP2004/008638)
			DISCLOSURE	Intl. Filing Date	August 2, 2004
			APPLICANT	First Named Inventor	FISCHER, Reiner
	(Use as	many she	eets as necessary)	Art Unit	1616
				Examiner Name	To Be Assigned
Sheet	2	of	3	Attorney Docket Number	2400.0210000/JMC/CMB

			U.S. PATENT DO	OCUMENTS	
Examiner Initials	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines,
	No.	Number-Kind Code ^{2 (If Known)}	MM-DD-1111	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear
-/Y.C./	US9	5,262,383	11/16/1993	Fischer et al.	
	US10	5,332,720	07/26/1994	Kruger et al.	
	US11	5,380,852	01/10/1995	Schutze et al.	
X .,	US12	5,401,700	03/28/1995	Sohn et al.	
/W.C./	US13	5,739,079	04/14/1998	Holdgrun et al.	·

	-	· · · · · · · · · · · · · · · · · · ·	FOREIGN PATENT DO	DCUMENTS		
Examiner Initials*	Čite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
,	FP21	WO 96/21652 A1	07/18/1996	Ciba-Geigy AG		
000000	FP22	WO 96/35664 A1	11/14/1996	Bayer Aktiengesellschaft		Abs
00000	FP23	WO 96/36229 A1	11/21/1996	E.I. Du Pont De Nemours and Company		
00000	FP24	WO 96/36615 A1	11/21/1996	E.I. Du Pont De Nemours and Company		
000	FP25	WO 96/36616 A1	11/21/1996	E.I. Du Pont De Nemours and Company		
00000000	FP26	WO 96/36633 A1	11/21/1996	E.I. Du Pont De Nemours and Company	·	
	FP27	WO 96/37494 A1	11/28/1996	Zeneca Limited		
	FP28	WO 97/01535 A1	01/16/1997	Bayer Aktiengesellschaft		Abs
000	FP29	WO 97/02243 A1	01/23/1997	Bayer Aktiengesellschaft		Abs
	FP30	WO 97/36868 A1	10/09/1997	Bayer Aktiengesellschaft		Abs
	FP31	DE 196 21 522 A1	12/04/1997	Hoechst Schering AgrEvo GmbH		
	FP32	WO 98/05638 A2	02/12/1998	Bayer Aktiengesellschaft		Abs
7	FP33	WO 98/25923 A1	06/18/1998	Zeneca Limited		
	FP34	WO 99/43649 A1	09/02/1999	Bayer Aktiengesellschaft		Abs
N.C./	FP35	WO 99/47525 A1	09/23/1999	Novartis AG; Novartis- Erfindungen Verwaltungsgesellschaft mbh		

Examiner	/Yong Chu/	Date	04/04/0000
Signature		Considered	01/24/2009

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senal number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and This collection of information is required by 37 CFR 1.97 and 1.90. The information is required to obtain of retain a denent by the public whitch is to like the by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Equivalent of Form PTO/SB/08A (07-06)
Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute	for form	1449A/P	то	Complete	e if Known
INFO	384 A T			Application Number	10/567,788 (Natl. Phase of PCT/EP2004/008638)
			DISCLOSURE	Intl. Filing Date	August 2, 2004
STAT			APPLICANT	First Named Inventor	FISCHER, Reiner
	(Use as	many she	ets as necessary)	Art Unit	1616
				Examiner Name	To Be Assigned
Sheet	3	of	3	Attorney Docket Number	2400.0210000/JMC/CMB

Examiner	Cite	Document Number	U.S. PATENT Do Publication Date	Name of Patentee or	Pages, Columns, Lines,
Initials*	No.1	Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear
/Y.C./	US14	6,235,680 B1	05/22/2001	Ziemer et al.	
/Y.C./_	US15	6,251,827 B1	06/26/2001	Ziemer et al.	

Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns,	T
Initials*	No.1	Country Code ³ (if known)	MM-DD-YYYY	Applicant of Cited Document	Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/Y.C./	FP36	WO 99/48869 A1	09/30/1999	Bayer Aktiengesellschaft	7	ISR
50000	FP37	WO 99/55673 A1	11/04/1999	Bayer Aktiengesellschaft		Abs
000000000000000000000000000000000000000	FP38	WO 99/66795 A1	12/29/1999	Hoechst Schering AgrEvo GmbH		Abs
000000000000000000000000000000000000000	FP39	WO 01/17351 A1	03/15/2001	Syngenta Participations AG		
33300000000	FP40	WO 01/17352 A1	03/15/2001	Syngenta Participations AG		Abs
000000000	FP41	WO 01/17353 A1	03/15/2001	Syngenta Participations AG		
000000000000000000000000000000000000000	FP42	WO 01/17972 A2	03/15/2001	Syngenta Participations AG		Abs
	FP43	WO 01/17973 A2	03/15/2001	Syngenta Participations AG		ISR
0000	FP44	WO 03/028446 A2	04/10/2003	Evotecoai AG		
1/	FP45	WO 03/045957 A1	06/05/2003	Bayer Cropscience Aktiengesellschaft		ISR
/Y.C./	FP46	WO 03/062244 A1	07/31/2003	Syngenta Participations AG		

590125v1

|--|

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. • Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (07-06) Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE cond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/567,788 (Natl Phase of PCT/EP2004/008638)	
				Intl. Filing Date	August 2, 2004 FEB	
				First Named Inventor	FISCHER, Reiner 2007	
(Use as many sheets as necessary)				Art Unit	1616	
				Examiner Name	To Be Assigned	
Sheet	1	of	2	Attorney Docket Number	2400.0210000/JMC/CMB	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/Y.C./	NPL1	Askani, R., "Reaction of 1,3-cyclohexadiene with azodicarboxylic acid diethyl ester," Chem. Berichte 98:2551-2555, Verlag Chemie (1965)	Abs
000000000000000000000000000000000000000	NPL2	STNEasy Database, Accession No. 1965:463065, English language abstract for Askani, R., "Reaction of 1,3-cyclohexadiene with azodicarboxylic acid diethyl ester," <i>Chem. Berichte</i> 98:2551-2555, Verlag Chemie (1965)	
925999999999999999999999999999999999999	NPL3	Dannenberg, H. and Dannenberg-Von Dresler, D., "Synthesis of steranthrenes. III. 3,4-Aceperinaphthane and 6,7-aceperinaphtane," <i>Ann. Chem.</i> 585:1-15, Wienheim Verlag Chemie (1954)	Abs
000000000000000000000000000000000000000	NPL4	STNEasy Database, Accession No. 1955:56638, English language abstract for Dannenberg, H. and Dannenberg-Von Dresler, D., "Synthesis of steranthrenes. III. 3,4-Aceperinaphthane and 6,7-aceperinaphtane," <i>Ann. Chem.</i> 585:1-15, Wienheim Verlag Chemie (1954)	
200000000000000000000000000000000000000	NPL5	Diels, O., et al., "The endo-methylenepiperidazine resulting from cyclopentadiene and azo ester and its transformation diaminocyclopentane," Ann. Chem. 443:242-262, (1925)	Abs
200000000000000000000000000000000000000	NPL6	STNEasy Database, Accession No. 1925:19216, English language abstract for Diels, O., et al., "The endo-methylenepiperidazine resulting from cyclopentadiene and azo ester and its transformation diaminocyclopentane," Ann. Chem. 443:242-262, (1925)	
000000000000000000000000000000000000000	NPL7	Sonntag, N.O.V., "The Reactions of Aliphatic Acid Chlorides," <i>Chem.Rev.52</i> : 237-416, American Chemical Reviews (1953)	
***************************************	NPL8	Beilstein Database, Beilstein Registry No. 4957401, "ethyl 2-propylcarbazate," (entry date 1992)	
	NPL9	Beilstein Database, Beilstein Registry No. 4968273, "ethyl 2,3-propylcarbazate," (entry date 1992)	
/Y.C./	NPL10	International Search Report for International Patent Application No. PCT/EP2004/008638, mailed February 7, 2005, European Patent Office, The Netherlands	

Examiner Signature	/Yong Chu/	Date Considered	01/24/2009
Signature		Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (07-06)

Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control nur

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known		
				Application Number	10/567,788 (Natl. Phase of PCT/EP2004/008638)	
				Intl. Filing Date	August 2, 2004	
				First Named Inventor	FISCHER, Reiner	
(Use as many sheets as necessary)			s necessary)	Art Unit	1616	
				Examiner Name	To Be Assigned	
Sheet	2	of	2	Attorney Docket Number	2400.0210000/JMC/CMB	

	Non Patent Literature Documents					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²			
/Y.C./	NPL11	Esp@cenet Database, English language for EP 0 346 620 (listed on accompanying PTO/SB/08A as document FP10)				
			2			
			:			
17						

590362v2

- ·		24/2//202	
Examiner	0/	Date 01/24/2009	
Signature	/Yong Chu/	Considered	
21820000			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.